



Legislation Details (With Text)

File #: 21-6360 **Version:** 1 **Name:**
Type: Contract - Amendment **Status:** Passed
File created: 11/15/2021 **In control:** Commissioners Court
On agenda: 11/30/2021 **Final action:** 11/30/2021
Title: Request for approval of an amendment to an agreement with Gauge Engineering, LLC, in the amount of \$300,000, to provide an additional analysis on HCFCD Unit G112-00-00. (San Jacinto River Watershed, Bond ID CI-60, Project ID G112-00-00-P001, Agreement No. 2020-164, Precincts 1 and 2).

Sponsors:

Indexes:

Code sections:

Attachments: 1. 21-6360 AGMT GAUGE 2020-164 PCT 1,2 backup

Date	Ver.	Action By	Action	Result
11/30/2021	1	Commissioners Court		

Department: Flood Control District

Department Head/Elected Official: Alan R. Black, P.E., Interim Executive Director

Regular or Supplemental RCA: Regular RCA

Type of Request: Contract - Amendment

Project ID (if applicable): G112-00-00-P001

Vendor/Entity Legal Name (if applicable): Gauge Engineering, LLC

MWDBE Participation (if applicable): Yes

Request Summary (Agenda Caption):

Request for approval of an amendment to an agreement with Gauge Engineering, LLC, in the amount of \$300,000, to provide an additional analysis on HCFCD Unit G112-00-00. (San Jacinto River Watershed, Bond ID CI-60, Project ID G112-00-00-P001, Agreement No. 2020-164, Precincts 1 and 2).

Background and Discussion:

This project has two main priorities, to evaluate erosion concerns and recommend solutions and to evaluate flooding concerns and recommend solutions. Additional analysis is required to modify the flood reduction recommendations so that they are self-mitigating and constructible without added detention. The detention site that was considered is not attainable and, due to dense development of the area, other detention sites are also unlikely.

Expected Impact:

The goal of the additional analysis is to ensure that a recommendation is provided that is fully constructible without added detention. If future detention does become available, this recommendation is expected to pair well with that option and its flood reduction benefit is expected to increase.

Alternative Options:

Without the additional analysis, this study will have erosion recommendations that have already moved into the next phase for further consideration, but it will not have a flood reduction recommendation to send to Preliminary Engineering.

Alignment with Goal(s):

- ☐ Justice and Safety
- ☐ Economic Opportunity
- ☐ Housing
- ☐ Public Health
- ☐ Transportation
- ☒ Flooding
- ☐ Environment
- ☐ Governance and Customer Service

Prior Court Action (if any):

Date	Agenda Item #	Action Taken
04/07/2020	2.a.2	Agreement

Location: This effort is in the Panther Creek Watershed in Precincts 1 and 2. The study area is in City of Houston, City of Galena Park, and Unincorporated Harris County.

Address (if applicable):

Precinct(s): Precincts 1 & 2

Fiscal and Personnel Summary			
Service Name	4.a.3 - Engineering Services		
	FY 21-22	FY 22	Next 3 FYs
Incremental Expenditures (do NOT write values in thousands or millions)			
Labor Expenditures	\$	\$	\$
Non-Labor Expenditures	\$300,000	\$	\$
Total Incremental Expenditures	\$300,000	\$	\$
Funding Sources (do NOT write values in thousands or millions)			
Existing Budget			
Bonds	\$300,000	\$	\$
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Total Current Budget	\$300,000	\$	\$
Additional Budget Requested			
Choose an item.	\$	\$	\$

Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Total Additional Budget Requested	\$	\$	\$
Total Funding Sources	\$300,000	\$	\$
Personnel (Fill out section only if requesting new PCNs)			
Current Position Count for Service	-	-	-
Additional Positions Requested	-	-	-
Total Personnel	-	-	-

Anticipated Implementation Date: November 30, 2021

Emergency/Disaster Recovery Note: Not an emergency, disaster, or COVID-19 related item

Contact(s) name, title, department: Alan R. Black, P.E., Interim Executive Director

Matthew K. Zeve, P.E., Deputy Executive Director

Attachments (if applicable): Agreement and Map